

Product Datasheet

HLA DRB1 Antibody (LN-3 + HLA-DRB/1067) [CoraFluor™ 1] NBP2-47672CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-47672CL1

HLA-DRB1 Antibody (LN-3 + HLA-DRB/1067) [CoraFluor™ 1]

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. Do not freeze. |
| Clonality | Monoclonal |
| Clone | LN-3 + HLA-DRB/1067 |
| Preservative | No Preservative |
| Isotype | IgG2b Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 3123 |
| Gene Symbol | HLA-DRB1 |
| Species | Human, Monkey |
| Specificity/Sensitivity | This monoclonal antibody reacts with the beta-chain of HLA-DRB1 antigen, a member of MHC class II molecules. It does not cross react with HLA-DP and HLA-DQ. HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36kDa alpha (heavy) chain and a 28kDa beta (light) chain. It is expressed on B-cells, activated T-cells, monocytes/macrophages, dendritic cells and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells. It is an excellent histiocytic marker in paraffin sections producing intense cytoplasmic staining. True histiocytic neoplasms are similarly positive. HLA-DR antigens also occur on a variety of epithelial cells and their corresponding neoplastic counterparts. Loss of HLA-DR expression is related to tumor microenvironment and predicts adverse outcome in diffuse large B-cell lymphoma. |
| Immunogen | Activated human peripheral blood mononuclear cells (LN-3 & HLA-DRB/1067) |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-47672CL1

| | |
|------------------|---|
| NBP1-43317CL1 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [CoraFluor™ 1] |
| NBP2-51599-0.1mg | Recombinant Human HLA DRB1 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP3-39780 | Human HLA DRB1 ELISA Kit (Colorimetric) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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